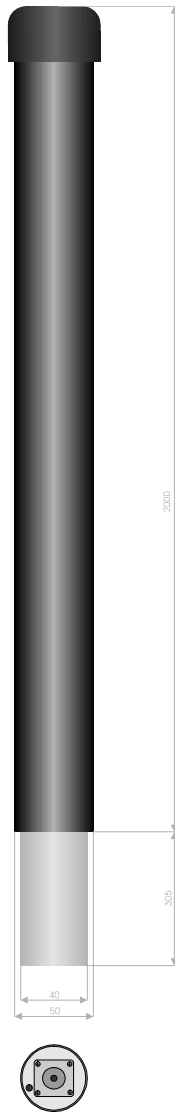


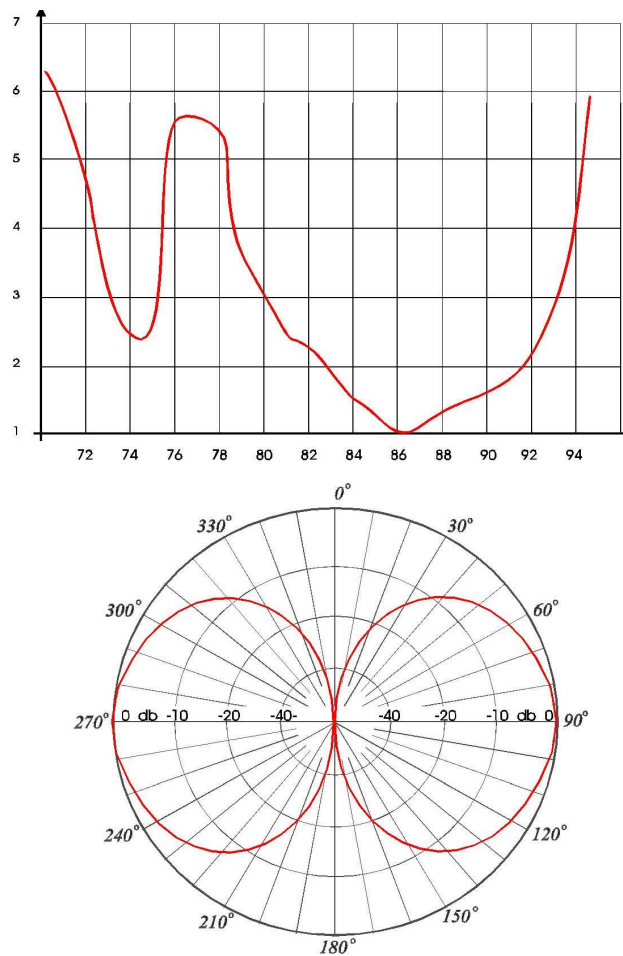
# WIDEBAND BASE STATION ANTENNA

BSO-VHF 78-88 MHz



**The wideband omnidirectional antenna with no tuning required. The antenna covers whole band of terrestrial mobile radiocommunication. The antenna is designed for vertical polarization, resistant to effect of walls and metal parts of mounting construction, DC-grounded. In lower locations the antenna doesn't require additional lightning protection.**

ELECTRICAL	
<b>Frequency range</b>	78-88 MHz
<b>Gain (ref. to <math>\lambda/2</math> dipole)</b>	0 dBd (2,15 dBi)
<b>Horizontal radiation pattern</b>	Omnidirectional
<b>Impedance</b>	50 $\Omega$
<b>Antenna type</b>	$\lambda/2$ dipole
<b>VSWR</b>	$\leq 1,6$
<b>Maximum power</b>	100 W
<b>Bandwidth</b>	10 MHz
<b>Horizontal radiation pattern code (H-plane)</b>	000ND00 (CEPT Recommendation T/R 25-08)
<b>Vertical radiation pattern code (E-plane)</b>	020DE00 (CEPT Recommendation T/R 25-08)
MECHANICAL	
<b>Connector</b>	UC1
<b>Material</b>	Aluminium, PCV
<b>Polarization</b>	vertical



VSWR and vertical radiation pattern of BSO VHF 78-88 MHz



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